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(12) **United States Patent**
Rollhaus et al.

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(54) **MACHINE-READABLE OPTICAL DISC
WITH READING-INHIBIT AGENT**

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patent is extended or adjusted under 35
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This patent is subject to a terminal dis-
claimer.

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(51) Int. Cl.⁷ **G11B 3/70**

(52) U.S. Cl. **369/286**
(58) Field of Search **369/286; 428/64.4**

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,011,772 A * 1/2000 Rollhaus et al. **369/286**

FOREIGN PATENT DOCUMENTS

EP	0806 768	11/1997	G11B/7/24
JP	05101471	4/1993	G11B/11/10
JP	08147856	6/1996	G11B/19/02

* cited by examiner

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(57) **ABSTRACT**

An optical disc having machine-readable, information-
encoding features is provided with a barrier layer secured to
the disc. This barrier layer is configured to prevent machine-
reading of the features. A reading-inhibit agent, included in
the disc and activated by removal of the barrier layer, is
operative, once activated, to alter the disc to inhibit reading
of the disc, after some period of time. Alternately, the barrier
layer can be eliminated, and the reading-inhibit agent can be
activated by initial reading of the disc, as for example by
exposure to optical radiation associated with reading of the
disc, or rotation of the disc.

6 Claims, 5 Drawing Sheets

